

1ST AND 2ND LOGS		PROCESSING AND PROPERTIES INDEX		3RD AND 4TH LOGS	
<p>YANUSH, A.V.</p> <p>7</p> <p>Photocolorimetric determination of ammonia in waste waters of the soda industry. A. V. Yanush and A. E. Votse-Khovskii. <i>Khim. Prom.</i> 1946, No. 7/8, 14-15. — The method described is based on that of Thomas (C.A. 6, 3241; 7, 2764). The soln. is mixed with a little phenol and some alk. hypochlorite soln. After 5 min. on the steam bath the light absorption is measured with a photoelec. colorimeter. NH₃ can be detd. within 5 min. and the results compare favorably with those obtained by the more tedious Kjeldahl procedure. M. Hosh</p>					
<p>ASB-ILA METALLURGICAL LITERATURE CLASSIFICATION</p>					
SOURCE: 11/17/11/11/11		SOURCE: 11/17/11/11/11		SOURCE: 11/17/11/11/11	
SOURCE: 11/17/11/11/11		SOURCE: 11/17/11/11/11		SOURCE: 11/17/11/11/11	

YANUSHAUSKAS, A.

A class of singular integral equations. Dokl. AN SSSR 166
no.3:566-569 Ja '66. (MIRA 19:1)

1. Institut matematiki Sibirskogo otdolaniya AN SSSR.
Submitted May 6, 1965.

KORZUNIN, G.S.; YANUS, R.I.

Quality control of small billets for magnetic circuits. Defektoskopiia
no.1:40-43 '65. (MIRA 18:6)

1. Institut fiziki metallov AN SSSR.

VDOVIN, Yu.A.; VLASOV, V.V.; ZATSEPIN, N.N.; KOROBAYNIKOVA, I.Yo.; MIKHEYEV,
M.N.; RODIGIN, N.M.; TOMILOV, G.S.; SHURKIN, D.A.; YANUS, R.I.

Discussion on nondestructive testing methods. Defektoskopia no.1:90
'65. (MIRA 18:6)

YANUSH, A. V.
USSR/Chemistry - Corrosion

FD-1732

Card 1/1 : Pub. 50-8/18

Authors : Inzhechik, V. G., Cand Tech Sci; Yanush, A. V.

Title : The corrosion resistance of different metals in soda-potash and soda-sulfate solutions

Periodical : Khim. prom., No 1, 39-42, Jan-Feb 1955

Abstract : On the basis of the data listed, arrive at the conclusion that the sulfates and bicarbonates of the solutions tested are mainly responsible for the corrosion and that the corrosion is more intense in the presence of air. By comparing different grades of steel, determined which grade of steel is best suited for the construction of equipment that is exposed to the action of the solutions in question. One graph. 6 tables.

Institution : All-Union Institute of the Soda Industry

YANUSH, A.V.

Stability of active oxygen in solid peroxy compounds. Khim.
prom. no.4:18-19 O-D '64. (MIRA 18:3)

YANUSH, I.M.

Effect of experimental neuroses on conditioned reflexes in rabbits during pregnancy and lactation and on the rate of growth of offspring. Fiziol.zhur. 44 no.12:1131-1136 D'58 (MIRA 12:1)

1. Laboratoriya fiziologii nizshikh zhiivotnykh Instituta fiziologii imeni I.P. Pavlova AN SSSR, Leningrad.

(NEUROSES, exper.

eff. on conditioned reflexes in lactating & pregn rabbits & on offspring growth (Rus))

(REFLEX CONDITIONED,

eff. of exper. neuroses on conditioned reflexes in pregn. & lactating rabbits & on offspring growth (Rus))

VATTI, K.V.; YANUSH, I.M.

Effect of high temperature applied after irradiation on the
frequency of induced lethal mutations and chromosomal breaks.

Issl. no gen. no.2:46-55 '64.

(MIRA 18:4)

TIKHOMIROVA, M.M.; DUBROVA, S.Ye.; YANUSH, I.M.

Comparative study of radiation aftereffect on the nondisjunction
of chromosomes. Issl. po gen. no.2:65-68 '64. (MIRA 18:4)

PIMENOVA, M.N.; POLYANSKAYA, G.G.; SHVARTSMAN, P. Ya.; YANUSH, I.M.

Study of the mutagenic action of a medium containing ethyleni-
mine on *Drosophila* larvae. Vest. LGU 19 no.21:153-155 '64
(MIRA 18:1)

YANUSH, L. B.

29836

Parovoznyye paroraspnye- dyglityel'nyye myekhanizmy s preryemyennym
klodouvyelichyeniym. Trudy Akad. (voyaen.-Transp. akad. vooruzh. sil. im.
kaganovichya). vyp. 18, 1949, s. 139-55

SO: L E T O P I S ' NO. 40

YANUSH, L. B.

Russkie parovozy za 50 let. Moskva, Mashgiz, 1950. iv, 151 p. illus., ports.

Bibliography: p. (148)-149.

Russian locomotives during the last 50 years.

DLC: TJ603. I2

SO: Manufacturing and Mechanical Engineering in the Soviet Union, Library of Congress, 1953.

YANUSH, L. B.

Konstruktion und berechnung von Lokomotiven; Handbuch, von L. B. Yanush, V. M. Panskiy, V. A. Pavlov. Leipzig, Fachbuchverlag, 1954. 412 p. diagrs., tables.

Translation from the Russian, Konstruktsii i Raschet Parovozov, Moscow, 1950.

"Literaturnachweis": p. 402-403

SO: N/5
743.31
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YANUSH, L. B. , PANSKIY, V. M. AND PAVLOV, B. A.

Konstruktsii i raschet parovozov; spravochnik. Moskva, Mashgiz, 1950. 390 p. illus.

Bibliography: p. (382)

Designs and calculation of locomotives: handbook.

DLC: TJ635.12

SO: Manufacturing and Mechanical Engineering in the Soviet Union, Library of Congress, 1953.

YANUSH, P.A.

Serological characteristics of Salmonella isolated in Gorlovka.
Zhur. mikrobiol., epid. i immun. 40 no.6:126 Je '63.

(MIRA 17:6)

1. Iz Gorlovskoy gorodskoy bakteriologicheskoy laboratorii.

DAKHNOV, V.N., doktor geol.-miner. nauk; KHOLIN, A.I., kand. geol.-
miner.nauk; PESTRIKOV, A.S.; GALUZO, Yu.V.; AFRIKYAN, AN.;
YUDKEVICH, R.V.; POPOV, V.K.; POZIN, L.Z.; LARIONOV, V.V.;
VENDEL'SHTEYN, B.Yu.; GORBUNOVA, V.I.; DZYURAK, M.D.; YEVDOKIMOVA,
V.A.; ZHOKHOVA, R.G.; LATYSHEVA, M.G.; MAREN'KO, N.N.; MANCHEVA,
N.V.; MOROZOVICH, Ya.R.; OREKHOVSKAYA, Ye.P.; POKLONOV, M.S.;
ROMANOVA, T.F.; SEVOST'YANOV, M.M.; TANASEVICH, N.I.; FARMANOVA,
N.V.; FEDOROVICH, G.P.; SHCHERBININ, V.A.; ELLANSKIY, M.M.;
YANUSH, Ye.F.; YUNGANS, S.M., ved. red.; YAKOVIEVA, Z.I., tekhn.
red.

[Using methods of field geophysics in studying gas-bearing re-
servoirs]Primenenie metodov promyslovoi geofiziki pri izuchenii ga-
zonosnykh kollektorov. Moskva, Gostoptekhizdat, 1962. 279 p.

(MIRA 16:2)

(Gas, Natural--Geology)
(Prospecting--Geophysical methods)

ZHILIN, E.A.; PETRENKO, V.P.; SHAMRUK, G.V.; YANUSH, Yu.N.

Shortcomings in the planning, designing and assembling of the
turbocompressor plant of a compressor station. Gaz. prem. 4
no.3:49-50 Mr '59. (MIRA 12:5)
(Gas, Natural--Pipelines) (Compressors)

"APPROVED FOR RELEASE: 09/01/2001

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YANUSHKAS, A.

Problem of the directional derivative. Dokl. AN SSSR 164 no. 4:753-
756 0 '65. (MIRA 18:10)

1. Institut matematiki Sibirskogo otdeleniya AN SSSR. Submitted
March 2, 1965.

YANUSHAUSKAS, A. [Janusauskas, A.]

Zeroes of the gradient of a harmonic function. Dokl. AN SSSR 158 no.3:
547-549 S '64. (MIRA 17:10)

1. Matematicheskiy institut Sibirskogo otdeleniya AN SSSR. Predstav-
leno akademikom M.A.Lavrent'yevym.

BOL'SHAKOV, M.N.; VYKHODTSEV, I.V., doktor biol. nauk; NIKITINA, Ye.V., kand. biol. nauk; ZABIROV, R.D., kand. geogr. nauk; ISAYEV, D.I., kand. geogr. nauk; KASHIRIN, F.T.; KOROLEV, V.G., kand. geol.-miner. nauk; LUNIN, B.A., kand. geogr. nauk; MAMYTOV, A.M., akademik; OTORBAYEV, K.O., kand. geogr. nauk; RYAZANTSEVA, Z.A., kand. geogr. nauk, st. nauchn. sotr.; UMURZAKOV, S.U.; YANUSHEVICH, A.I.; BLAGOOBRAZOV, V.A., red.; BEYSHENOV, A., tekhn. red.

[The nature of Kirghizistan; brief characteristic of its physical geography] Priroda Kirgizii; kratkaia fiziko-geograficheskaya kharakteristika. Frunze, Kirgizskoe gos. izd-vo, 1962. 296 p. (MIRA 16:7)

1. Geograficheskoye obshchestvo SSSR. Kirgizskiy filial.
2. Zaveduyushchiy Otdelom geografii AN Kirgizskoy SSR, predsedatel' Kirgizskogo filiala Geograficheskogo obshchestva SSSR (for Otorbayev).
3. Dekan geograficheskogo fakul'teta Kirgizskogo gosudarstvennogo universiteta (for Umurzakov).
4. Zamestitel' direktora instituta geologii AN Kirgizskoy SSR (for Korolev).
5. Rukovoditel' sektora geomorfologii Otdela geografii AN Kirgizskoy SSR (for Isayev).
6. Chlen-korrespondent, zaveduyushchiy sektorom Instituta geologii AN Kirgizskoy SSR (for Kashirin).

(Continued on next card)

BOL'SHAKOV, M.N.---(continued). Card 2.

7. Direktor Tyan-Shan'skoy vysokogornoy fiziko-geograficheskoy stantsii Otdela geografii AN Kirgizskoy SSR (for Zabirotov).
 8. Otdel geografii AN Kirgizskoy SSR (for Ryazantseva).
 9. Chlen-korrespondent, direktor Instituta energetiki i vodnogo khozyaystva AN Kirgizskoy SSR (for Bol'shakov).
 10. Zaveduyushchiy Otdelom pochvovedeniya AN Kirgizskoy SSR (for Mamytov).
 11. Chlen-korrespondent, vitseprezident AN Kirgizskoy SSR (for Yanushevich).
 12. Zaveduyushchiy kafedroy fizicheskoy geografii Kirgizskogo gosudarstvennogo universiteta (for Lunin).
- (Kirghizistan--Physical geography)

LESNIKOVA, Ye.N.; YANUSHKEVICH, A.F.

Mixing of finely ground powders with the aid of ultrasound.
Zav. lab. 30 no.1349 '64. (MIRA 17:9)

1. Ural'skiy gosudarstvennyy universitet.

YANUSHEVICH, A. I.

Yanushevich, A. I. - "Material on the vertebrates of Tuvin Oblast", Izvestiya Zap.-Sib. filiala, Akad. nauk SSSR, Seriya biol., 1948, Issue 2, p. 3-27, - bibliogr.: 21 items.

SO: U-4110, 17 July 53, (Letopis 'Zhurnal 'nykh Statey, No. 19, 1949).

YANUSHEVICH, A. I.

Yanushevich, A. I. - "Origin of the steppe fauna of Tuvinsk Oblast," Izvestiya
Vsesoyuz. o-va, 1948, Issue 6, p. 588-99 — Bibliog: 19 items

So: U-3566, 15 March 53, (Letopis 'Zhurnal 'nykh Statey, No. 13, 1949)

YANUSHEVICH, A. I.

Agriculture

Commerically important game animals and birds of Western Siberia and the business of hunting them. Omsk, Oblastnoe izd-vo, 1950.

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9. Monthly List of Russian Accessions, Library of Congress, October 1953, Unclassified.

YANUSHEVICH, Aleksandr Ivanovich; SALIN, Yu.L., red.

[Game animals and birds of Western Siberia and hunting] Promyslovye zveri i ptitsy Zapadnoi Sibiri i okhota na nikh.
Omsk, Omskoe obl.gos.izd-vo, 1950. 142 p.

(MIRA 13:12)

(Siberia, Western--Game and game birds)

YANUSHEVICH, A. I.

The Committee on Stalin Prizes (of the Council of Ministers USSR) in the fields of science and inventions announces that the following scientific works, popular scientific books, and textbooks have been submitted for competition for Stalin Prizes for the years 1952 and 1953. (Sovetskaya Kultura, Moscow, No. 22-40, 20 Feb - 3 Apr 1954)

<u>Name</u>	<u>Title of Work</u>	<u>Nominated by</u>
Yanushevich, A. I.	"Economically Useful Animals and Birds of Western Siberia."	Kirgiz Affiliate of the Academy of Sciences USSR

80: W-30604, 7 July 1954

YANUSHEVICH, A. [1-]

Promyslovye zveri i ptitsy Zapad-
noi Sibiri (Commercially useful animals and birds
of Western Siberia). Izd. 2-e. Novosibirsk, Oblast-
noe izd-vo, 1952. 192 p.

SO: Monthly List of Russian Accessions, Vol. 6, No. 1, April 1953

YANUSHEVICH, A.I.

Acclimatizing animals in Kirghizia. Trudy Ins.ool. i paraz.
KirFAN SSSR. no.1:57-64 '54. (MLRA 10:6)
(Kirghizistan--Fur-bearing animals)

YANUSHEVICH, A. I.

USSR/ Biology - Ornithology

Card 1/1 Pub. 86 - 22/39

Authors : Yanushevich, A. I.

Title : Mountain goose

Periodical : Priroda 44/3, 112 - 113, Mar 1955

Abstract : The author describes the situation with regard to the mountain or Indian goose (*Eulabeia indica*) in the Kirghiz Republic. He notes that despite the prohibition against hunting these birds the natives gather the eggs and the number of geese is steadily diminishing. Measures to counteract this situation are suggested. Illustrations.

Institution : Khirghiz Academy of Science, Institute of Zoology and Parasitology

Submitted :

YANUSHEVICH, Aleksandr Ivanovich; DEMENT'YEV, Dmitriy Petrovich [deceased];
TSAGARAYEV, Petr Tosoyevich; ALDASHEV, A., redaktor; KABIROV, I.V.,
tekhnicheskiiy redaktor

[Game animals and birds of Kirghizistan] Promyslovye zveri i ptitsy
Kirgizii. Frunze, Kirgizskoe gos. izd-vo, 1956. 147 p. (MLRA 9:10)
(Kirghizistan--Game and game birds)

YANUSHEVICH, A. I.

14-57-6-12652

Translation from: Referativnyy zhurnal, Geografiya, 1957, Nr 6,
p 126 (USSR)

AUTHOR: Yanushevich, A. I.

TITLE: Hunting Preserves in Kirgiz SSR (Okhotnich'i
ugod'ya Kirgizskoy SSR)

PERIODICAL: V sb: Akklimatiz. pushnykh zverey v Kirgizii, Frunze,
1956, pp 7-17

ABSTRACT: There are many kinds of hunting preserves in Kirghiz
SSR. They are located in deserts, semideserts, steppes,
forests, and in the alpine mountain belt. Some of
them provide an exceptionally high amount of food to
commercially valuable animals; at the same time, some
extremely productive preserves may occupy only small
areas. The Frunze and Issyk-Kul' region supply 96.6
percent of the republic's fur. The industry's basic
animals are fox, chipmunk, marmot, and muskrat;

Card 1/2

14-57-6-12652

Hunting Preserves in Kirgizskaya SSR (Cont.)

together they account for 97 percent of the dressed skins. The article contains data on the number of dressed animal skins by breeds, and also a map showing the distribution of breeds which have been introduced to Kirghiz.

Card 2/2

L. D.

YANUSHEVICH, A. I.

14-57-6-12586

Translation from: Referativnyy zhurnal, Geografiya, 1957, Nr 6,
p 121 (USSR)

AUTHORS: Berens, K. R., Yanushevich, A. I.

TITLE: Developments of Raccoon Dogs (Nyctereutes procionoides
Gray) Since Their Release /Rezultaty vypuska yenoto-
vidnoy sobaki (Nyctereutes procionoides Gray)/

PERIODICAL: V sb: Akklimatiz. pushnykh zverey v Kirgizii, Frunze,
1956, pp 75-82

ABSTRACT: Six female and nine male raccoon dogs were released
in 1944 in the northern Semenovka region near Issyk-
Kul' Lake. In 1952 these animals were found along
the east and northeast shores of the lake and on the
lower slopes of valleys running into it. Altogether
200 were found in an area 80 to 100 sq km. An attempt
to introduce them into regions where the snow cover
exceeded 50 cm was not successful. The authors

Card 1/2

14-57-6-12586

Developments of Raccoon Dogs (Cont.)

recommend that commercial licenses be granted to trap these animals along the banks of the Issyk-Kul'. A map showing their distribution around Lake Issyk-Kul' is included.

Card 2/2

L. D.

YANUSHEVICH, A. I.

14-57-6-12589

Translation from: Referativnyy zhurnal, Geografiya, 1957, Nr 6,
p 121 (USSR)

AUTHORS: Berens, K. P., Yanushevich, A. I.

TITLE: Acclimatization of the Siberian Red Ferret in Kirghizia
(Materialy po akklimatizatsii kolonka v Kirgizii)

PERIODICAL: Akklimatiz. pushnykh zverey v Kirgizii. Frunze, 1956,
pp 113-114

ABSTRACT: In January 1941, 26 Siberian red ferrets were released on the northern slope of the **Terskey-Alatau** near Uch-Bulak. In 1942 and 1943, three young ferrets were caught some 40 to 50 km away. Tracks belonging to the Siberian red ferret were discovered at 5 km away on a trail in the bottom of a spruce forest valley. The number of tracks decreased sharply in the valley near the places where the animals had been released, and four tracks were counted in two valleys in the winter

Card 1/2

Acclimatization of the Siberian Red Ferret (Cont.) 14-57-6-12589

of 1953. The Siberian red ferret has no commercial value, but it is hunted quite extensively.
Card 2/2

L. Dinesman

YANUSHEVICH, A. I.

Translation from: Referativnyy zhurnal, Geografiya, 1957, Nr 6,
p 121 (USSR) 14-57-6-12584

AUTHOR: Yanushevich, A. I.

TITLE: Prospects for Acclimatizing Fur-Bearing Animals to
Kirghizia (Perspektivy akklimatizatsii pushnykh zverey
v Kirgizii)

PERIODICAL: V sb: Akklimatiz. pushnykh zverey v Kirgizii, Frunze,
1956, pp 115-129

ABSTRACT: Waters in Frunze and Issyk Kul' region and many lakes
in Tyan-Shan and southern Kirgizia are entirely suitable
for muskrat habitation. Attempts to acclimatize
muskrats in remote small mountain lakes will not be
successful. Ponds can be prepared in the abandoned
salt lands of the Chuya valley for muskrat breeding.
The squirrels that were released around Lake Issyk-kul
now number more than 2000. They should be released

Card 1/2

Prospects for Acclimatizing Fur-Bearing Animals (Cont.) 14-57-6-12584

in other isolated fir forests. Raccoon dogs, which were introduced to the banks of Lake Issyk-Kul', have become accustomed to their environment. No further places remain in Kirg~~izia~~ ^{iz}ia suitable for the development of this strain. Striped raccoons have grown accustomed to the nut-bearing forests in the central part of the Dzhahal Abad region. They should be introduced into the Karavan and Oktyabr'sk forest areas. Further efforts to acclimatize the Siberian red ferret will prove unproductive. Its number is small, it is hard to trap commercially, and its hide does not bring a good price. The wood marten and the otter should be acclimatized in the nut forests of Kirghiz, the sable, to the fir forests of the ~~Terskey and Kungu~~ Alatau. They should be let loose in packs over a considerable period of time. The process must be repeated after a couple of years.

L. Dinesman

Card 2/2

YANUSHEVICH, A.I.; KYDYRALIYEV, A.

Mammals and birds of the Pokrovka mountain pastures. Trudy Inst.zool.
1 paraz.AN Kir.SSR no.5:37-46 '56. (MIRA 10:5)
(Pokrovka District--Vertebrates)

YANUSHEVICH, A.I.; TURDAKOV, P.A. redaktor; CHOTIYEV, S., tekhnicheskii
redaktor.

[Wild life of Kirghizistan] Zhivotnyi mir Kirgizii. Frunse,
Kirgizskoe gos. izd-vo, 1957. 107 p. (MIRA 10:4)
(Kirghizistan--Zoology)

YANUSHEVICH, A.I.

PYATKOV, P.F.; ~~YANUSHEVICH, A.I.~~, redaktor; TSYBINA, Ye.V., tekhnicheskiy redaktor.

[The wintering of waterfowl on Issuk-Kul] Zimovki vodoplavaiushchikh ptits na Issyk-Kule. Frunze, Izd-vo AN Kirgizskoi SSR, 1957. 110 p.
(MIRA 10:4)

(Issuk-Kul, Lake—~~Water~~ birds)

Yamushevich, A. I.

USSR/General Division. Conservation of Nature.

A-5

Abs Jour: Ref. Zhur. Biologiya, No 4, 1958, 14243.

Author : Nikitina E.V., Yamushevich A.I.

Inst :

Title : The Conservation of Nature in Kirgizia

Orig Pub: Ukhvana prirody i zapovedn. delo v SSSR, 1957, No 2, 16-24

Abstract: The immediate measures for the conservation of nature in Kirgizia are: 1) organization of reserves: Fergana (walnut forests and thickets of pistachio), Talas (fir-tree forests and juniper), Altyn Arasan (fir forests), and others; 2) the putting-in-order of the forest and hunting economy; 3) the discontinuation of burning thickets of "oblepikhi"; [a tall thorned bush with yellow sourish edible berries] 4) the adjustment of the conservation of water fowl and pheasants in the area of Lake Issyk-Kul.

1. AKADEMIYA NAUK KIRGIZSKOY SSR.

Card : 1/1

-8-

YANUSHEVICH, A.I.

Birds of Kirghizia. Trudy Inst. zool. 1 paraz. AN Kir. SSR
no.6:67-84 '57. (MIRA 11:3)
(Kirghizistan--Birds)

YANUSHEVICH, A.I.; TYURIN, P.S.; YAKOVLEVA, I.D.; KYDYRALIYEV, A.;
SEMENOVA, N.I.; IVANOV, A.I., prof., otv.red.; DEMENT'YEV,
G.P., prof., red.; ANOKHINA, M.G., tekhn.red.

[Birds of Kirghizistan] Ptitsy Kirgizii. Frunze, Izd-vo
Akad.nauk Kirgizskoi SSR. Vol.1. 1959. 227 p. (MIRA 12:12)
(Kirghizistan--Birds)

YANUSHEVICH, A.I.; FEDYANINA, T.F.

Periodic phenomena among birds in the Chuya Valley. Trudy Inst.
zool.i paraz.AN Kir.SSR no.7:51-66 '59. (MIRA 13:4)
(Chuya Valley--Birds)

YANUSHEVICH, A.I.

Sicklebill *Ibidorhyncha struthersii* Vig. Trudy Inst.zool.i paraz.
AN Kir.SSR no.7:279-281 '59. (MIRA 13:4)
(Central Asia--Shore birds)

GAGARIN, V.G.; YAKOVLEVA, I.D.; YANUSHEVICH, A.I.

Mass destruction of birds in Kirghizistan. Trudy Inst.zool.1
paraz.AN Kir.SSR no.7:287-292 '59. (MIRA 13:4)
(Kirghizistan--Birds)

YANUSHEVICH, A.I.; TYURIN, P.S.; YAKOVLEVA, I.D.; KYDYRALIYEV, A.;
SEMEHOVA, N.I.; IVANOV, A.I., prof., otv.red.; YANUSHEVICH,
A.I., otv.red.; VOZHEYKO, I.V., red.izd-vs; ANOKHINA, M.G.,
tekhn.red.

[Birds of Kirghizistan] Ptitsy Kirgizii. Frunze, Izd-vo Akad.
nauk Kirgizskoi SSR. Vol.2. 1960. 271 p.

(MIRA 13:12)

(Kirghizistan--Birds)

YAKOVLEVA, Irina Dmitriyevna; YANUSHEVICH, A.I., otv. red.; BUTEVKO, N.P.,
red. izd-va; ANOKHINA, M.G., tekhn. red.

[A guide to the reptiles of Kirghizistan] Opredeletel' presmykaiu-
shchikhsia Kirgizii. Frunze, Akad. nauk Kirgizskoi SSR, In-t zo-
ologii i parazitologii, 1961. 110 p. (MIRA 14:6)
(Kirghizistan--Reptiles)

YANUSHEVICH, A.I.; YAKOVLEVA, I.D.; FEDYANINA, T.F.

Materials on seasonal phenomena in the life of birds of the Chu Valley and the Issyk-Kul' Depression. Trudy Inst. zool. AN Kazakh. SSR 15:161-169 '61. (MIRA 14:7)

1. Institut zoologii i parazitologii AN Kirgizskoy SSR.
(Chu Valley—Birds—Habits)
(Issyk-Kul' Depression—Birds—Habits)

YANUSHEVICH, A.I.; YAKOVLEVA, I.D.

Seasonal phenomena in the life of birds of northern Kirghizistan.
Izv. AN Kir. SSR. Ser. biol. nauk 3 no.1:19-23 '61. (MIRA 14:12)
(KIRGHIZISTAN--BIRDS)

YANUSHEVICH, A. I.

Practice in the zoogeographical regionalization of Kirghizistan
in the light of economic development. Izv. Kir. fil. Geog.
ob-va SSSR no.3:195-200 '62. (MIRA 15:10)

(Kirghizistan—Zoogeography)

YANUSHEVICH, A.I., otv. red.; DOLGUSHIN, I.A., zam. otv. red.; LUZHIN, B.L., red.; PALIY, V.F., red.; AYZIN, B.M., red.; VOZHEYKO, I.V., red.; SUVOPOVA, R.I., red.; ROROKINA, Z.P., tekhn. red.

[Animal acclimatization in the U.S.S.R.] Akklimatizatsiya zhivotnykh v SSSR; materialy. Alma-Ata, Izd-vo Akad. nauk Kazakhskoi SSR, 1963. 369 p. (MIRA 16:7)

1. Konferentsiya po akklimatizatsii zhivotnykh v SSSR, Frunze, 1963. 2. Institut zoologii AN Kirg.SSR (for Yanushevich, Ayzin, Paliy).

(Acclimatization)

ZABIROV, Rashid Dzhamaaliyevich; YANUSHEVICH, A.I., otv. red.

Issyk-Kul'. Frunze, Izd-vo AN Kirgiz.SSR, 1963. 51 p.
(MIRA 17:8)

YAKOVLEVA, Irina Dmitriyevna; YANUSHEVICH, A.I., prof., doktor
biol. nauk, otv. red.

[Reptiles of Kirghizistan] Presmykaiushchiesia Kirgizii.
Frunze, AN Kirgiz.SSR, 1964. 269 p. (MIRA 17:12)

1. Chlen-korrespondent AN Kirgiz.SSR (for Yanushevich).

YANUSHEVICH, L.V., inzhener; BEYLINA, TS.O., inzhener; BLAGONADEZHDIN, V.Ye., inzhener; BOGUSLAVSKIY, P.Ye., kandidat tekhnicheskikh nauk; VORONKOV, I.M., professor, GITINA, L.Ya., inzhener; GROMAN, M.B., inzhener; GOROKHOV, N.V., doktor tekhnicheskikh nauk [deceased]; DENISTYUK, I.N., kandidat tekhnicheskikh nauk; DOVZHIK, S.A., kandidat tekhnicheskikh nauk; DUKEL'SKIY, M.P., professor, doktor khimicheskikh nauk [deceased]; DYKHOVICHNIY, A.I., professor; ZHITKOV, D.G., professor, doktor tekhnicheskikh nauk; KOZLOVSKIY, N.S., inzhener; LAKHTIN, Yu.M., doktor tekhnicheskikh nauk; LEVENSON, L.B., professor, doktor tekhnicheskikh nauk [deceased]; LEVIN, B.Z., inzhener; LIPKAN, V.F., inzhener; MARTYNOV, M.V., kandidat tekhnicheskikh nauk; MOLEVA, T.I., inzhener; NOVIKOV, F.S., kandidat tekhnicheskikh nauk; OSETSKIY, V.M., kandidat tekhnicheskikh nauk; OSTROUMOV, G.A.; PONOMARENKO, Yu.F., kandidat tekhnicheskikh nauk; RAKOVSKIY, V.S., kandidat tekhnicheskikh nauk; REGIRER, Z.L., inzhener; SOKOLOV, A.N., inzhener; SOSUNOV, G.I., kandidat tekhnicheskikh nauk; STEPANOV, V.N., professor; SHEMAKHANOV, M.M., kandidat tekhnicheskikh nauk; EL'KIND, I.A., inzhener; YANUSHEVICH, L.V., kandidat tekhnicheskikh nauk; BOKSHITSKIY, Ya.M., inzhener, redaktor; BULATOV, S.B., inzhener, redaktor; GASHINSKIY, A.G., inzhener, redaktor; GRIGOR'YEV, V.S., inzhener, redaktor; YEGURNOV, G.P., kandidat tekhnicheskikh nauk, redaktor; ZHARKOV, D.V., dotsent, redaktor; ZAKHAROV, Yu.G., kandidat tekhnicheskikh nauk, redaktor; KAMINSKIY, V.S., kandidat tekhnicheskikh nauk, redaktor; KOMARKOV, Ye.F., professor, redaktor; KOSTYLEV, B.N., inzhener, redaktor; POVAROV, L.S., kandidat tekhnicheskikh nauk, redaktor; ULINICH, F.R., redaktor; KLORIK'YAN, S.Kh., otvetstvennyy redaktor; GLADILIN, L.V., redaktor;

(Continued on next card)

BEYLINA, TS.O. --- (continued) Card 2.

RUPFENEY, K.V., redaktor; TERPIGOREV, A.M., glavnyy redaktor;
BARABANOV, F.A., redaktor; BARANOV, A.I., redaktor; BUCHNEV, V.E.,
redaktor; GRAFOV, L.Ye., redaktor; DOKUKIN, A.V., redaktor; ZADEMID-
KO, A.N., redaktor; ZASYAD'KO, A.F., redaktor; KRASHNIKOVSKIY, G.V.
redaktor; LETOV, N.A., redaktor; DISHIN, G.L., redaktor; MAN'KOV-
SKIY, G.I., redaktor; MEL'NIKOV, N.V., redaktor; ONIKA, D.G.,
redaktor; OSTROVSKIY, S.B., redaktor; POKROVSKIY, N.M., redaktor;
POLSTYANOV, G.N., redaktor; SKOCHINSKIY, A.A., redaktor; SONIN,
S.D., redaktor; SPIVAKOVSKIY, A.O., redaktor; STANCHENKO, I.K.,
redaktor; SUDOPLATOV, A.P., redaktor; TOPCHIYEV, A.V., redaktor;
TROYANSKIY, S.V., redaktor; SHEVYAKOV, L.D., redaktor; BYKHOV-
SKAYA, S.N., redaktor izdatel'stva; ZAZUL'SKAYA, V.F., tekhnichesk-
skiy redaktor; PROZOROVSKAYA, V.L., tekhnicheskii redaktor.

[Mining; an encyclopedic handbook] Gornoe delo; entsiklopedicheskiy
spravochnik. Glav.red. A.M. Terpigorev. Chleny glav.red. F.A. Bara-
banov i dr. Moskva, Gos.nauchno-tekhn.izd-vo lit-ry po ugol'noi
promyshl. Vol.1. [General engineering] Obshchie inzhenernye
svedeniia. Redkollegiia toma S.Kh.Klorik'ian i dr. 1957. 760 p.

(Mining engineering) (MLRA 10:10)

YANUSHEVICH, L.V.

AKIMOVA, K.I.; BAZHENOV, M.F.; BAKHVALOV, G.T.; BEZKLOBENKO, N.P.; BERMAN, S.I.;
BOGDANOV, Ye.S.; BODYAKO, M.N.; BOYKO, B.B.; VINOGRADOV, S.V.;
GAGEN-TORN, K.V.; GLEK, T.P.; GOREV, K.V.; GRADUSOV, P.I.; GUSHCHINA, T.N.;
YEMEL'YANOV, A.K.; YESIKOV, M.P.; ZDEYARSKIY, A.V.; ZAKHAROV, M.V.;
ZAKHAROVA, M.I.; KARCHEVSKIY, V.A.; KOMAROV, A.M.; KORZHENKO, O.T.;
LAYNER, V.I.; MAL'TSEV, M.V.; MILLER, L.Ye.; MILOVANOV, A.I.;
MIRONOV, S.S.; NIKONOROVA, N.A.; OL'KHOV, N.P.; OSIPOVA, T.V.;
OSOKIN, N.Ye.; PERLIN, I.L.; PLAKSIN, I.N.; PROKOF'YEV, A.D.;
RUMYANTSEV, M.V.; SEVERDENKO, V.P.; SEREDIN, P.I.; SMIRYAGIN, A.P.;
SPASSKIY, A.G.; TITOV, P.S.; TURKOVSKAYA, A.V.; SHAKHNAZAROV, A.K.;
SHPICHINETSKIY, Ye.S.; YURKSHTOVICH, N.A.; YUSHKOV, A.V.;
YANUSHEVICH, L.V.

Sergei Ivanovich Gubkin. TSvet.met. 28 no.6:60-61 N-D '55. (MIRA 10:11)
(Gubkin, Sergei Ivanovich, 1898-1955)

LASKINA, V.V.; YANUSHEVICH, M.A.; KORNEV, V.A.

Tectonics of the Kara-Bogaz-Gol Gulf and adjacent regions based
on geophysical research data. Prikl. geofiz. no.32:213-223 '62.
(MIRA 15:7)

(Kara-Bogaz-Gol (Gulf)—Geology, Structural)

"APPROVED FOR RELEASE: 09/01/2001

CIA-RDP86-00513R001962120008-2

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CIA-RDP86-00513R001962120008-2"

1000513R001962120008-2

14(10)

13

PHASE I BOOK EXPLOITATION

SOV/1376

Raschety na prochnost'; teoreticheskiye i eksperimental'nyye issledovaniya prochnosti mashinostroitel'nykh konstruktsiy. Sbornik statey, vyp. 2. (Calculations for Strength; Theoretical and Experimental Research on the Strength of Elements Used in Machine Construction. Collection of Articles, Vol. 2) Moscow, Mashgiz, 1958. 360 p. 4,000 copies printed.

Editorial Board: Tikhomirov, Ye.N., Honored Worker of the RSFSR in Science and Technology, Professor; Serensen, S.V., Active Member, Ukrainian SSR Academy of Sciences, Doctor of Technical Sciences, Professor; Glushkov, Doctor of Technical Sciences, Professor; Ponomarev, S.D., Doctor of Technical Sciences, Professor; Tarabasov, N.D., Doctor of Technical Sciences, Professor; Makushin, V.M., Candidate of Technical Sciences, Docent; Tech. Ed.: Tikhonov, A.Ya.; Managing Ed. for Literature on General Technical and Transport Machine Building (Mashgiz): Ponomareva, K.A., Engineer.

PURPOSE: This collection is intended for engineers working in the machine construction industry, and also for engineering and technical workers in planning organizations and scientific-research institutes.

Card 1/6

Calculations for Strength (Cont.)

SOV/1376

COVERAGE: The collection is an inter-vuz publication of transactions on strength problems. It presents reports on problems of engineering calculations of construction elements for strength and stiffness in the elastic and elastoplastic domains, and articles on stability of a stressed state, and under dynamic loads. There are 105 references, 86 of which are Soviet, 11 English, 7 German, and 1 French.

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Biderman, V.L., Candidate of the Technical Sciences. Determination of the Stress of a Steel Cable Wound on a Drum of a Hoisting Device

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Tarabasov, N.D., Doctor of Technical Sciences, Professor. Analysis of the Bending of Multilayered Beams

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Card 4/6

Calculations for Strength (Cont.)

SOV/1376

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Shcheglov, A.A., Candidate of Technical Sciences, Docent. Critical Speeds of Conical and Stepped Shafts 313

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Popov, A.A., Doctor of Technical Sciences, Professor. Graphical Determination of the Velocities in the Straight Central Impact of Spheres 342

Card 5/6

Calculations for Strength (Cont.)

80V/1376

Savel'yev, L.I., Candidate of Technical Sciences. Complete Diagram of
Fatigue Strength and the Effect of Tangential Stress in Strength
Calculations .

347

AVAILABLE: Library of Congress

IS/mas
4-15-59

Card 6/6

S/145/60/000/003/004/010
D221/D501

AUTHOR: Yanushevich, Ye.S., Candidate of Technical Sciences

TITLE: On the problem of determining stresses in plane curved bars with variable section

PERIODICAL: Izvestiya vysshikh uchebnykh zavedeniy. Mashinostroyeniye, no. 3, 1960, 39 - 48

TEXT: Experimental investigation on bars with rectangular cross-section has revealed that the approximate equation of E. Winkler may be applied for assessing stresses in curved bars with variable section, when latter vary little. The author demonstrates the possibility of using this equation for a rough estimate of stresses in curved bars with any contour. The positions of axis and cross-sections to be calculated are undermined. Comparison of stresses indicates that it is possible to assume the equally inclined section in respect to both surfaces of the bar as the calculated cross section within wide limits of changes in the ratio h/R . This replaces the given bar by another bar with a step contour and constant cross

Card 1/A
3

On the problem of determining ...

S/145/60/000/003/004/010
D221/D301

section in each region. By reduction, each part is represented by one cross-section, and the radius of its curvature will be at the prolongation of the section. Consequently, the radius of curvature depends on the character of bar contours in points adjacent to the considered section. When the surfaces of bar are bounded by arcs of circles (Fig. 3b) or by a straight line and an arc of circle (Fig. 3c and 3d), then all directions of the sections will have a common point in the center of intersection. The radii of points on the curvilinear as well as rectilinear contour are respectively $\rho = 2R_n$

$\cos \theta$ and $\rho = \frac{2R_n + H}{\cos \theta}$. In the above, the index n is chosen with regard to the disposition of the curvilinear contour, and H is substituted by considering the sign (Fig. 3c and 3d). If the cross-section and radius are known, then stresses are determined by the elementary equation of the resistance of materials. The displacement of the neutral axis in respect of the center of gravity of the cross-section in the case of ideal bending is determined by

$$e = h: \ln \frac{\rho_1}{\rho_2} . \quad (8)$$

Card 2/4
3

On the problem of determining ...

S/145/60/000/003/004/010
D221/D301

The accuracy of the proposed method is checked by examples. The precise calculation of stresses was carried out by equations of V.I. Bloch. The above demonstrates good agreement between the accurate and approximate procedures. The experimental values of stresses were measured by optical methods by bending the specimens to the arrangement of E. Koker and A. Taylon (Ref. 8: Opticheskiy metod issledovaniya napryazheniy, ONTI, 1936). The author indicates the shapes and their stresses, and tabulates data obtained. These data confirm the satisfactory accuracy of the method, when the cross-sections of the bar are within the allowed limit. This permits also the procedure to cases of transversal bending to be extended. There are 5 figures, 4 tables and 8 references: 6 Soviet-bloc and 2 non-Soviet-bloc.

ASSOCIATION: Vsesoyuznyy zaochnyy mashinostroitel'nyy institut (All-Union Machine Construction Correspondence Institute) ✓

SUBMITTED: April 11, 1959

Card 3/4
3

RUBININ, Mikhail Vladimirovich; KOPYLENKO, V.P., kand. tekhn. nauk, dots.,
retsenzent; SAVEL'YEV, N.G., kand. tekhn. nauk, dots., retsenzent;
GRIGOLYUK, E.I., dots., retsenzent; YANUSHEVICH, Ye.S., kand. tekhn.
nauk, dots., red.; SAVEL'YEV, Ye.Ya., red. izd-va; CHERNOVA, Z.I.,
tekhn. red.

[Strength of materials; theory] Soprotivlenie materialov; teoriia.
Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1961.
467 p. (MIRA 14:10)

1. Chlen-korrespondent AN SSSR (for Grigolyuk).
(Strength of materials)

YANUSHEVICH, Ye.S., kand.tekhn.nauk, dotsent

Determining displacements in bars of wide curvature. Izv. vys. ucheb.
zav.; mashinostr. no. 3:26-39 '61. (MIRA 14:5)

1. Vsesoyuznyy zaochnyy mashinostroitel'nyy institut.
(Girders)

YANUSHEVICH, Z.V.

22569 YANUSHEVICH, Z.V. *Izmeneniya Kachestva kauchuka kok-sagya v zavisimosti ot uslovii vyrashivaniya. Sbornik TruDov Pushkinsk. Faborotorii Vsesoyuz. in-ta restewiyevodstva. L., 1949, S. 255-63.- Bibliogr: 8 Nazv.*

SO: LETOPIS' NO. 30, 1949

YANUSHEVICH, Z.V.

USSR/Cultivated Plants - Grains.

M-2

Abs Jour : Ref Zhur - Biol., No 20, 1958, 91631

Author : Yanushevich, Z.V.

Inst : Moldavian Affiliate of AS USSR

Title : Study of the Avena Byzanthina C. Koch Oat Collection in Kishinev Botanical Garden.

Orig Pub : Izv. Mold. fil. AN SSSR, 1957, No 4, 37-52.

Abstract : Under the conditions of the Moldavian SSR during 1954 - 1956, 79 samples of Avena byzanthina oats were studied in spring sowing and partly winter sowing with the Lokhovskaya variety taken as a standard. A considerable difference in the length of the vegetative period and in the productivity of separate varieties was established. Winter forms proved valuable for selection work through sorting; while spring forms are good for synthetic selection.

Card 1/2

YANUSHEVICH, Z.V.

Changes in the form and structure of the root in *Taraxacum kok-saghyz* Rod. induced by growing conditions. Bot. zhur. 43 no.9: 1278-1292 S '58. (MIRA 11:10)

1. Botanicheskiy sad Moldavskogo filiala AN SSSR, Kishinev.
(Kok-saghyz) (Roots (Botany)--Morphology)

YANUSHEVICH, Z.V.; DUSHINKEVICH, I.Ye.

Study of the sterility phenomenon in potatoes. Izv. AN Mold.
SSR no.12:66-79 '62. (MIRA 18:4)

YANUSHEVICH, Z.V.; SHKOL'NIKOVA, T.A.

Fasciation in wintering peas. Izv. AN Mold. SSR no.12:80-83
'62. (MIRA 13.4)

Card
YANUSHEVICHUS, K.: Master Chem Sci (diss) -- "Potentiometric differential determination of the ions of halogens, thiocyanide, and calcium". Vil'nyus, 1958.
14 pp (Min Higher Educ USSR, Vil'nyus State U im V. Kapsukas), 150 copies
(KL, No 5, 1959, 144)

MESKAUSKAS, K.; PURONAS, V.; POVILIUNAS, A.; MALISAUGKAS, V.;
VANUSKEVICIUS, V.; BERKAMNAS, E.; KRUTULYS, V., spets. red.;
POLUJIKIS, J., spets. red.; CIMBOLENKA, P., red.; ANAITIS, J.,
tekhn. red.

[Twenty years of the Soviet Lithuanian national economy] 20
metu Tarybu Lietuvos liaudies ukiui. Vilnius, Valstybine
politines ir mokslines literaturos leidykla, 1960. 315 p.
(MIRA 15:6)

1. Lietuvos TSR Mokslu akademija, Vilna. Ekonomikos institutas.
(Lithuania—Economic conditions)

L 9831 -66 EWT(m)

ACC NR: AP5028287

SOURCE CODE: UR/0020/65/165/002/0427/0430

AUTHOR: Barakine, N. F.; Yanushevskaya, M. I.; Sisakyan, N. M. (Academician)

ORG: IMZHANS

ORG: Institute of Animal Morphology im. A. N. Severtsov AN SSSR (Institut morfolo-
gii zhivotnykh im. A. N. Severtsova AN SSSR)

TITLE: Chromosomes of bone marrow cells remotely affected by ionizing radiation

SOURCE: AN SSSR. Doklady, v. 165, no. 2, 1965, 427-430

TOPIC TAGS: radiation protection, experiment animal, bone marrow, chromosome

ABSTRACT: Under the effect of radiation chromosomes develop two kinds of damage:
1) structural changes as a result of local exposure; 2) damage originating in the
exposed cells and manifested by deformation (lumpiness, swelling, stickiness). To
investigate the influence of ionizing radiation on the chromosomes of bone marrow
cells, experiments were conducted on type C57BL mice of both sexes weighing 18-20
g. X-ray exposure conditions were: 210 kw, 15 ma, filter 0.75 mm Al, 0.5 mm Cu,

1/2

UDC: 577.391

L 9831-66

ACC NR: AP5028287

dose rate 50 r/min. The animals were divided into three groups. In the first group, only one rear limb was exposed at a dose rate of 700 r. All other parts were shielded. In the second group, surgically exposed intestines were subjected to a dose rate of 700 r. The bodies of the animals were shielded. In the third group, the intestines were exposed at a dose rate of 3000 r. The shielding consisted of 5-8 mm plates. The animals were destroyed after 2 and 6 hours, and 1, 2, 3, and 5 days after exposure. The shielded thigh bones were fixed in Carnoy's fluid. Small pieces of bone marrow were strained, pressed and frozen. Mitosis damage was checked during the late anaphase and telophase. The damage (chiefly bridges) originated not only in the exposed sections but also in the shielded sections of the hemogenic system. They were produced by humoral influences (usually appearing two hours after exposure) coming from exposed tissues, proved by the presence of broken chromosomes in bone marrow cells, in the same quantity and time, as in the case of local exposure of the small intestines, or in the case of injected extracts from the bone marrow cells or intestines of exposed mice. Orig. art. has: 2 tables and 2 figures.

SUB CODE: 06/ SUBM DATE: 07Jan65/ NR REF SOV: 009/ OTHER: 013

HW
Card 2/2

YANUSHKEVICH, E.P.

Device for checking high-precision inside calipers with the
scale division of 0,001 and 0,002 mm. Izv. tokh. no. 2:23-24,
F 165. (MIRA 18:6)

YANUSHKEVICHUS, Z.I. [Januskevicius, Z.], prof.; SMAYLIS, A.I. (Smailis,
A.I.)

Sudden arrest of effective blood circulation. Sov. med. 28
no.10:5-10 O '65. (MIRA 18:11)

1. Kafedra gosptal'noy terapii i gosptal'noy khirurgii
Kaunasskogo meditsinskogo instituta. 2. Chlen-korrespondent
AMN SSSR (for Yanushkevichus).

YANUSHEVSKAYA, A.T., akusherka (Orsha Vitobskoy oblasti).

Petrifaction of a fetus in a case of unioval twins. Pel'd. 1 akush.
23 no.10:32-33 0 '58 (MIRA 11:11)
(FETUS, DEATH OF)

BARAKINA, N.F.; YANUSHEVSKAYA, M.I.

Mechanisms of the activation of recovery processes in the bone marrow of irradiated animals protected by aminoethylisothiuronium Br.HBr. Radiobiologiya 4 no.2:226-233 '64.

(MIRA 18:3)

1. Institut morfologii zhivotnykh imeni Severtsova, Moskva.

ACC NR: AP5024009

UR/0020/65/164/002/0445/0447
612.603

AUTHOR: Yanushevskaya, M. I.

TITLE: Effect of intestinal tract shielding in irradiated mice on hematopoiesis restoration

SOURCE: AN SSSR. Doklady, v. 164, no. 2, 1965, 445-447

TOPIC TAGS: experiment animal, radiation shielding, irradiation effect, hematopoiesis, bone marrow, mitosis

ABSTRACT: Mitotic indices and chromosome aberrations of irradiated bone marrow were investigated in control and experimental groups of mice (S57BL line). The intestinal tract of the experimental animals was shielded by a 6 mm lead plate during X-irradiation (RUP-1 unit, 195 kv, 15 ma, 0.75 mm Al+0.5 mm Cu filters, 59 r/min) with single 700 r doses. Control and experimental animals were killed at periods of 1 hr, 1 hr, 2 hrs, 3 hrs, 5 hrs, 9 days, and 12 days following irradiation to determine mitotic indices and chromosome aberrations. The femoral bone of animals was fixed in Carnua fluid and bone marrow was prepared for staining according to Felgen's method. Mitotic indices were based on the number of mitoses for 1000 to 3000 cells. The percentage of chromosome aberrations was based on the number of cells with bridges and acentric fragments for 60 to 100 anaphase-telophase stages.

Card 1/3

L 4285-66

ACC NR: AP5024009

Findings show that intestinal tract shielding increases survival of animals, with 9 of 25 (36.0±9.6%) experimental animals surviving a 30 day period while all 10 control animals died. With shielding of the intestinal tract, the mitotic index of experimental animals does not differ significantly during the first 5 days from that of control animals. The mitotic index drops sharply the first few hrs following irradiation, then rises after 24 hrs, and drops again after 48 hrs. During the next 3 days the mitotic index remains at a low level. After the 5th day the mitotic index of experimental animals starts rising, and by the 9th day mitotic activity is completely restored while that of control animals remains at the same low level. In experimental animals, the number of cells with chromosome aberrations does not differ from that of control animals during the first day, but during the following three days is considerably less (40%). Shielding of the intestinal tract accelerates the restoration of hematopoiesis in irradiated bone marrow by earlier normalization of mitotic activity and by faster elimination of cells with chromosome rearrangements, which in turn accelerates the regeneration of hemopoietic tissues. These data concur with literature data for studies of corneal epithelium, intestinal tract, and bone marrow. Orig. art. has: 2 figures.

Card 2/3

L 4285-66

ACC NR: AP5024009

ASSOCIATION: Institut morfologii zhivotnykh im. A. N. Severtsova
Akademii Nauk SSSR (Institute of Animal Morphology of the Academy of
Sciences, SSSR)

SUBMITTED: 25May65

ENCL: 00

SUB CODE: LS

NR REF SOV: 008

OTHER: 001

Card 3/3 DP

BARAKINA, N.F.; SHAPIRO, I.M.; YANUSHEVSKAYA, M.I.

Intravital biological evaluation of irradiation dosage in mammals
by determining the ratio of marrow cells containing chromosomal
aberrations. Dokl. AN SSSR 149 no.5:1187-1189 Ap '63.
(MIRA 16:5)

1. Institut morfologii zhivotnykh im. A.N.Severtsova AN SSSR.
Predstavleno akademikom I.I.Shmal'gauz@nom.
(Radiation--Dosage) (Chromosomes)

ACCESSION NR: AP4027971

S/0205/64/004/002/0226/0233

AUTHOR: Barakina, N. F.; Yanushevskaya, M. I.

TITLE: Activation mechanisms of reparation processes in bone marrow of irradiated animals protected with AET

SOURCE: Radiobiologiya, v. 4, no. 2, 1964, 226-233

TOPIC TAGS: AET, AET radioprotective action, bone marrow, X-irradiation, chromosome rearrangement, mitotic index, survival rate, hemopoietic regeneration

ABSTRACT: Control and experimental white mice were X-irradiated with a single total dose of 700 r (RUP-1 unit, 200 kv, 15 ma, filter 0.75 mm Al + 0.5 mm Cu, 50 r/min). The experimental mice received AET (9-10 mg in 0.5 ml distilled water) subcutaneously 7-15 min before irradiation. Some of the animals were killed in groups 6-hr, 1, 2, 3, 5, and 8 days after irradiation. Bone marrow cells in pelvic bone sections were counted at different periods. Chromosome rearrangement frequencies were analyzed in the late anaphase and early telophase stages for each animal. Mitotic index was determined.

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ACCESSION NR: AP4027971

For the animals not killed, a survival curve was plotted for the 30 day period after irradiation. For irradiated animals with AET protection, hemopoietic regeneration is markedly accelerated and the number of cellular elements in the bone marrow is higher at all times. Also, the frequency of chromosome rearrangement is significantly lower and mitotic activity in bone marrow cells is inhibited for a shorter period of time. Initial radiation damage is less severe with AET radioprotection, comparable to the effect produced by a reduced radiation dose. Earlier restoration of mitotic activity promotes the elimination of cells with lethal chromosome injuries and the repopulation of the destroyed bone marrow. Radioprotection of bloodforming tissue is significant, as it may be a determinant of the general radiation reaction of the organism. Orig. art. has: 4 figures, 3 tables.

ASSOCIATION: Institut morfologii zhivotnykh im. A. N. Severtsova, Moskva (Institute of Animal Morphology)

SUBMITTED: 26Jan63

DATE ACQ: 28Apr64

ENCL: 00

SUB CODE: AM

NO REF SOV: 007

OTHER: 018

Card 2/2

L 9831 .66 EWT(m)

ACC NR: AP5028287

SOURCE CODE: UR/0020/61/165/002/0427/0430

AUTHOR: Barakine, N. F.; Yanushevskaya, M. I.; Sisakyan, N. M. (Academician) 45
44.55 47.55 B

ORG: IMZHANS

ORG: Institute of Animal Morphology im. A. N. Severtsov AN SSSR (Institut morfolo-
gli zhivotnykh im. A. N. Severtsova AN SSSR) 47.55

TITLE: Chromosomes of bone marrow cells remotely affected by ionizing radiation 55.17

SOURCE: M. SSSR. Doklady, v. 165, no. 2, 1965, 427-430

TOPIC TAGS: radiation protection, experiment animal, bone marrow, chromosome

ABSTRACT: Under the effect of radiation chromosomes develop two kinds of damage:
1) structural changes as a result of local exposure; 2) damage originating in the
exposed cells and manifested by deformation (lumpiness, swelling, stickiness). To
investigate the influence of ionizing radiation on the chromosomes of bone marrow
cells, experiments were conducted on type C57BL mice of both sexes weighing 18-20
g. X-ray exposure conditions were: 210 kw, 15 ma, filter 0.75 mm Al, 0.5 mm Cu,

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UDC: 577.391
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L 9831-66

ACC NR: AP5028287

dose rate 50 r/min. The animals were divided into three groups. In the first group, only one rear limb was exposed at a dose rate of 700 r. All other parts were shielded. In the second group, surgically exposed intestines were subjected to a dose rate of 700 r. The bodies of the animals were shielded. In the third group, the intestines were exposed at a dose rate of 3000 r. The shielding consisted of 5-8 mm plates. The animals were destroyed after 2 and 6 hours, and 1, 2, 3, and 5 days after exposure. The shielded thigh bones were fixed in Carnoy's fluid. Small pieces of bone marrow were strained, pressed and frozen. Mitosis damage was checked during the late anaphase and telophase. The damage (chiefly bridges) originated not only in the exposed sections but also in the shielded sections of the hemogenic system. They were produced by humoral influences (usually appearing two hours after exposure) coming from exposed tissues, proved by the presence of broken chromosomes in bone marrow cells, in the same quantity and time, as in the case of local exposure of the small intestines, or in the case of injected extracts from the bone marrow cells or intestines of exposed mice. Orig. art. has: 2 tables and 2 figures.

SUB CODE: 06/ SUBM DATE: 07Jan65/

NR REF SOV: 009/ OTHER: 013

Hw

2/2

RAL'KO, V.A., Geroy Sotsialisticheskogo Truda; LOBANOV, A.P.; KURLYPO, M.F.;
YANUSHEVSKAYA, M.S.; FEDOTKINA, A.I.

Introducing scientific farm management on the "Stalin" Collective
Farm. Zemledelie 7 no.8:6-11 Ag '59. (MIRA 12:10)

1.Predsedatel' kolchoza imeni Stalina, Pinskogo rayona, Brestskoy oblasti (for Ral'ko). 2.Nauchno-issledovatel'skiy institut ekonomiki i organizatsii sel'skokhozyaystvennogo proizvodstva Akademii sel'skokhozyaystvennykh nauk BSSR (for Lobanov, Kurlypo, Yanushevskaya). 3.Belorusskiy nauchno-issledovatel'skiy institut zhivotnovodstva (for Fedotkina).

(White Russia--Collective farms)

Yanushevskaya Zh.F.

AUTHORS: Kurmanov, M.I., Navrotsky, I.V.,
Yanushevskaya, Zh.F.

32-1-40/55

TITLE: A Device for the Investigation of the Damping of Oscillations
in Metals (Ustanovka dlya issledovaniya zatukhaniya kolebaniy
v metallakh).

PERIODICAL: Zavodskaya Laboratoriya, 1958, Vol. 24, Nr 1, pp. 101-103 (USSR)

ABSTRACT: In this paper the construction of such a device is described and
examples for the computation of the logarithmic damping decrement
of oscillations are given. The principal part of this device con-
sists of a firmly welded frame which is suspended from the ceiling
by means of a rope. In the upper part of the frame there is a
clamp, by means of which the sample is fastened, which has the
form of a metal strip, and on which oscillations are measured. At
the edge of the sample a magnet is mounted in a metal setting.
Under the magnet, on a table, there is a coil with 600 windings.
By means of a screw it is possible to adjust the distance between
the magnet and the coil. By the micrometer screw the initial
bend-through of the sample is fixed by the magnet. When switching

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A Device for the Investigation of the Damping
of Oscillations in Metals

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off the magnet the sample begins to oscillate; oscillations slowly die down while the current formed in the coil is led to the oscillograph, and a vibrographic recording is made. The logarithmic damping decrement is then computed according to the following formula:

$$\delta = \frac{\ln 2}{n - 1},$$

where n denotes the number of vibrations. There are 5 figures.

ASSOCIATION: Ukrainian Scientific Research Institute for Metals (Ukrainiskiy nauchno-issledovatel'skiy institut metallov).

AVAILABLE: Library of Congress

Card 2/2 1. Oscillations-Control systems

YANUSHEVSKIY, I.K., kand. med. nauk; NEYMAN, M.I., red.; BASHMAKOV,
G.M., tekhn. red.

[Don't smoke!] Ne kuri! Moskva, Gos.izd-vo med. lit-ry,
1963. 28 p.

(MIRA 16:12)

(TOBACCO HABIT)